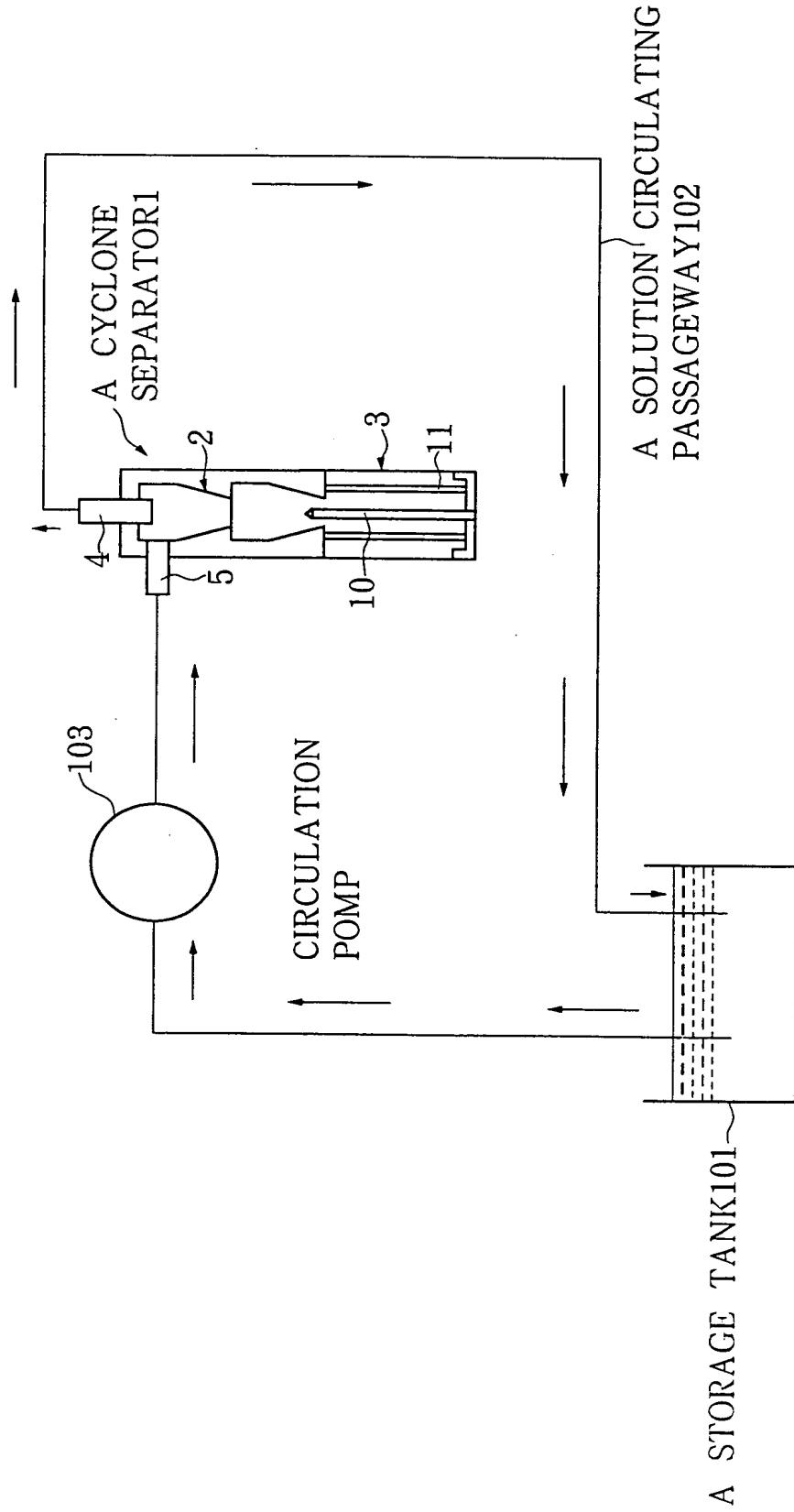


Title: FINE PARTICLE SEPARATION TREATMENT
SYSTEM AND CYCLONE SEPARATOR
Inventor(s): Hideto YOSHIDA, et al.
Serial No.: Unknown
Docket No.: Tsuruwaka C-46

1/10

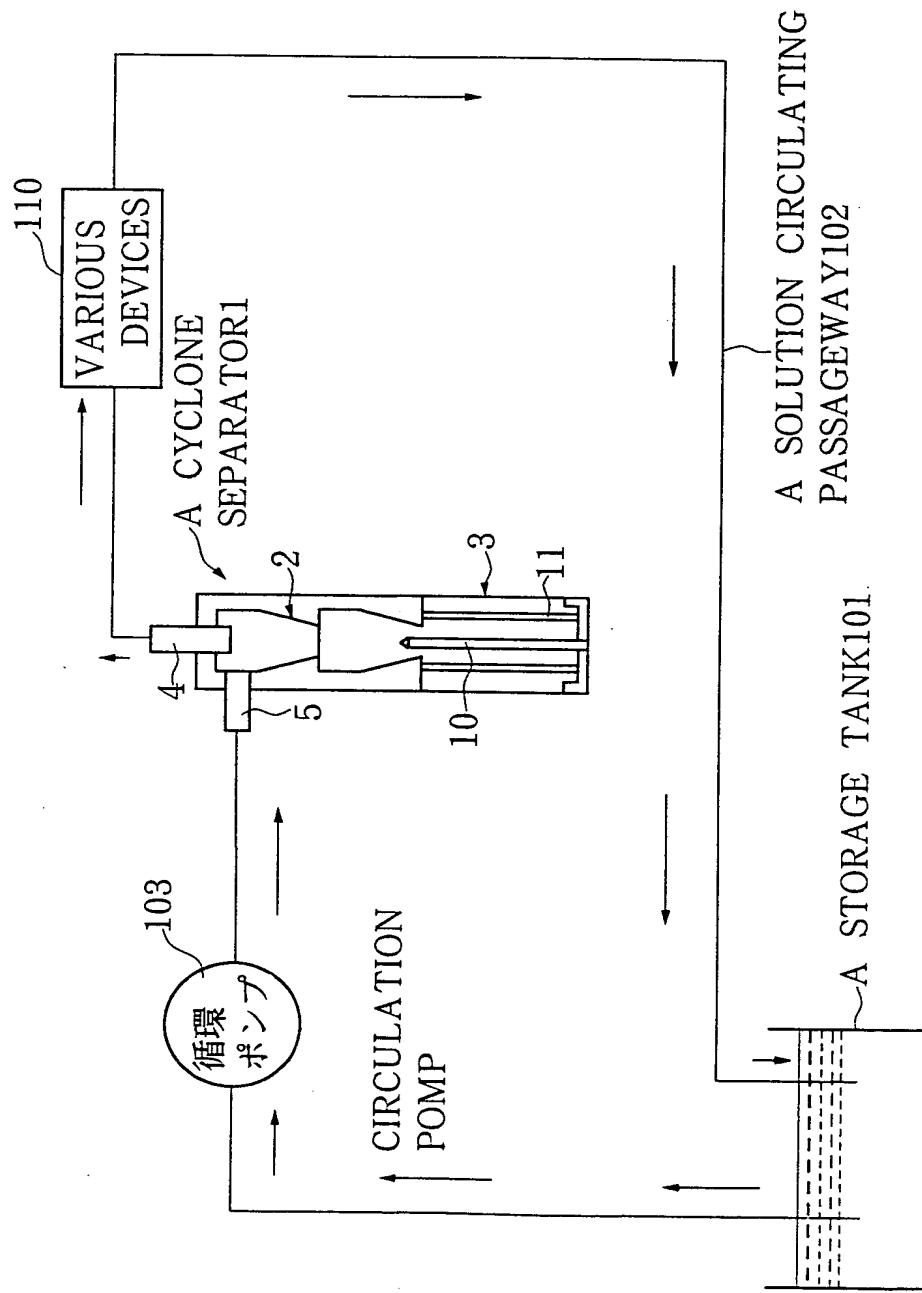
Fig.1
THE FINE PARTICLE SEPARATION
TREATMENT SYSTEM100



Title: FINE PARTICLE SEPARATION TREATMENT
SYSTEM AND CYCLONE SEPARATOR
Inventor(s): Hideto YOSHIDA, et al.
Serial No.: Unknown
Docket No.: Tsuruwaka C-46

2/10

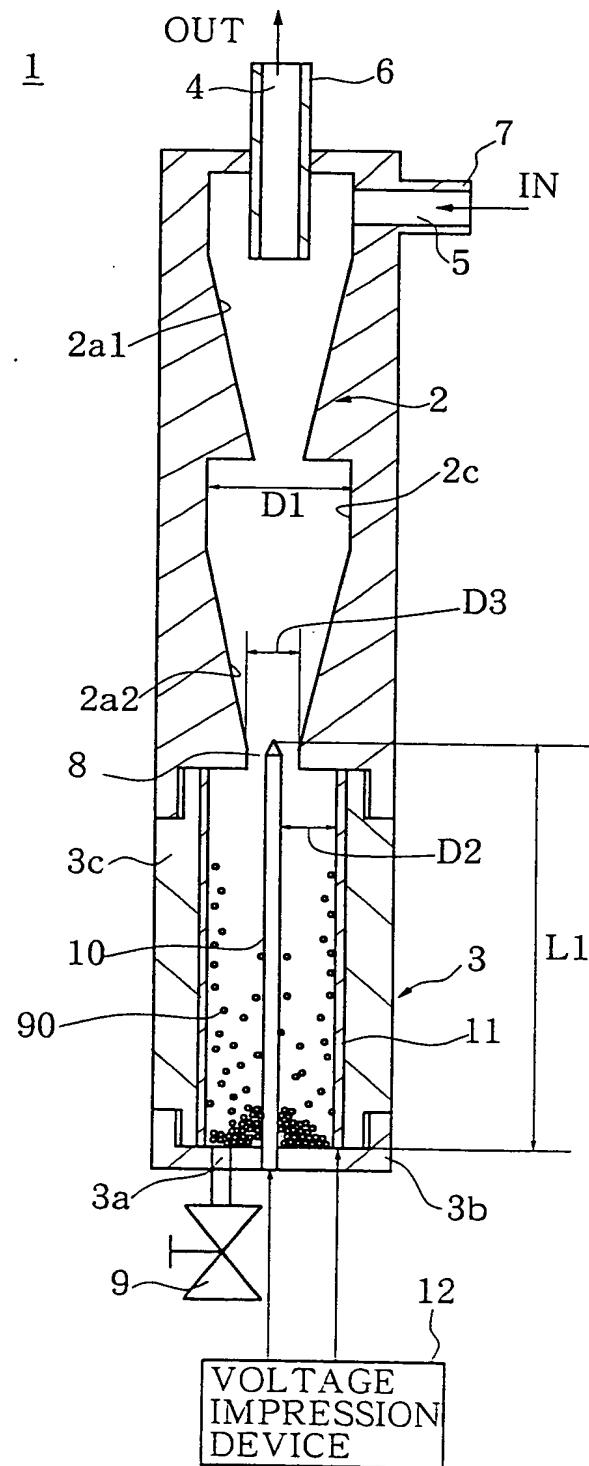
Fig.2
THE FINE PARTICLE SEPARATION
TREATMENT SYSTEM100



Title: FINE PARTICLE SEPARATION TREATMENT
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Inventor(s): Hideto YOSHIDA, et al.
Serial No.: Unknown
Docket No.: Tsuruwaka C-46

3/10

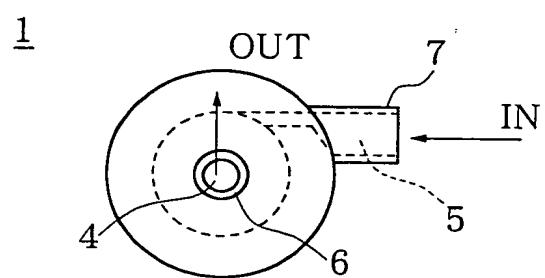
Fig.3



Title: FINE PARTICLE SEPARATION TREATMENT
SYSTEM AND CYCLONE SEPARATOR
Inventor(s): Hideto YOSHIDA, et al.
Serial No.: Unknown
Docket No.: Tsuruwaka C-46

4/10

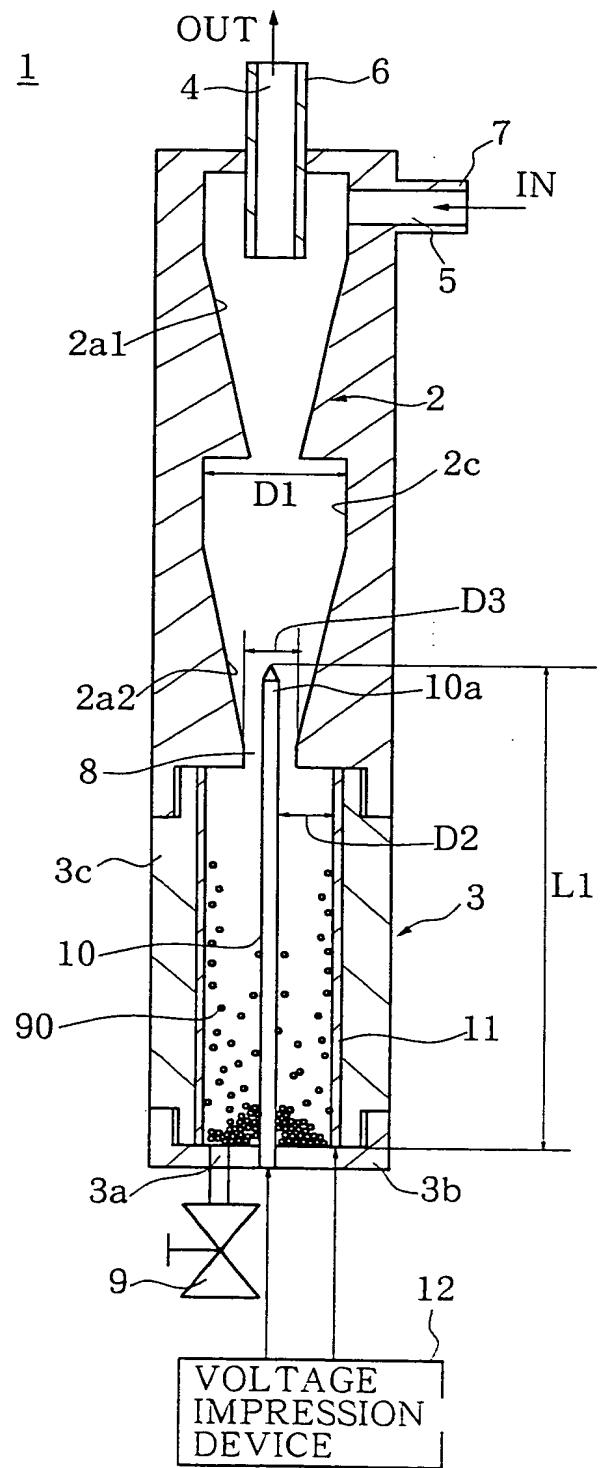
Fig.4



Title: FINE PARTICLE SEPARATION TREATMENT
SYSTEM AND CYCLONE SEPARATOR
Inventor(s): Hideto YOSHIDA, et al.
Serial No.: Unknown
Docket No.: Tsuruwaka C-46

5/10

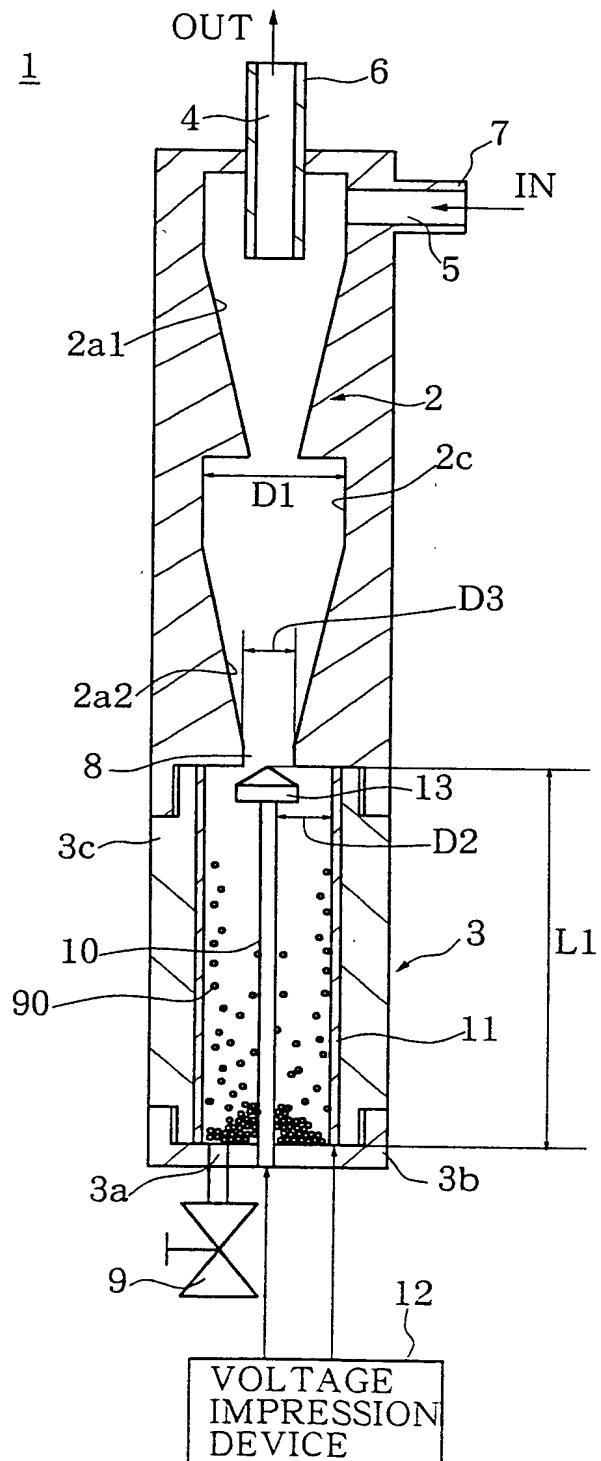
Fig.5



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SYSTEM AND CYCLONE SEPARATOR
Inventor(s): Hideto YOSHIDA, et al.
Serial No.: Unknown
Docket No.: Tsuruwaka C-46

6/10

Fig.6



7/10

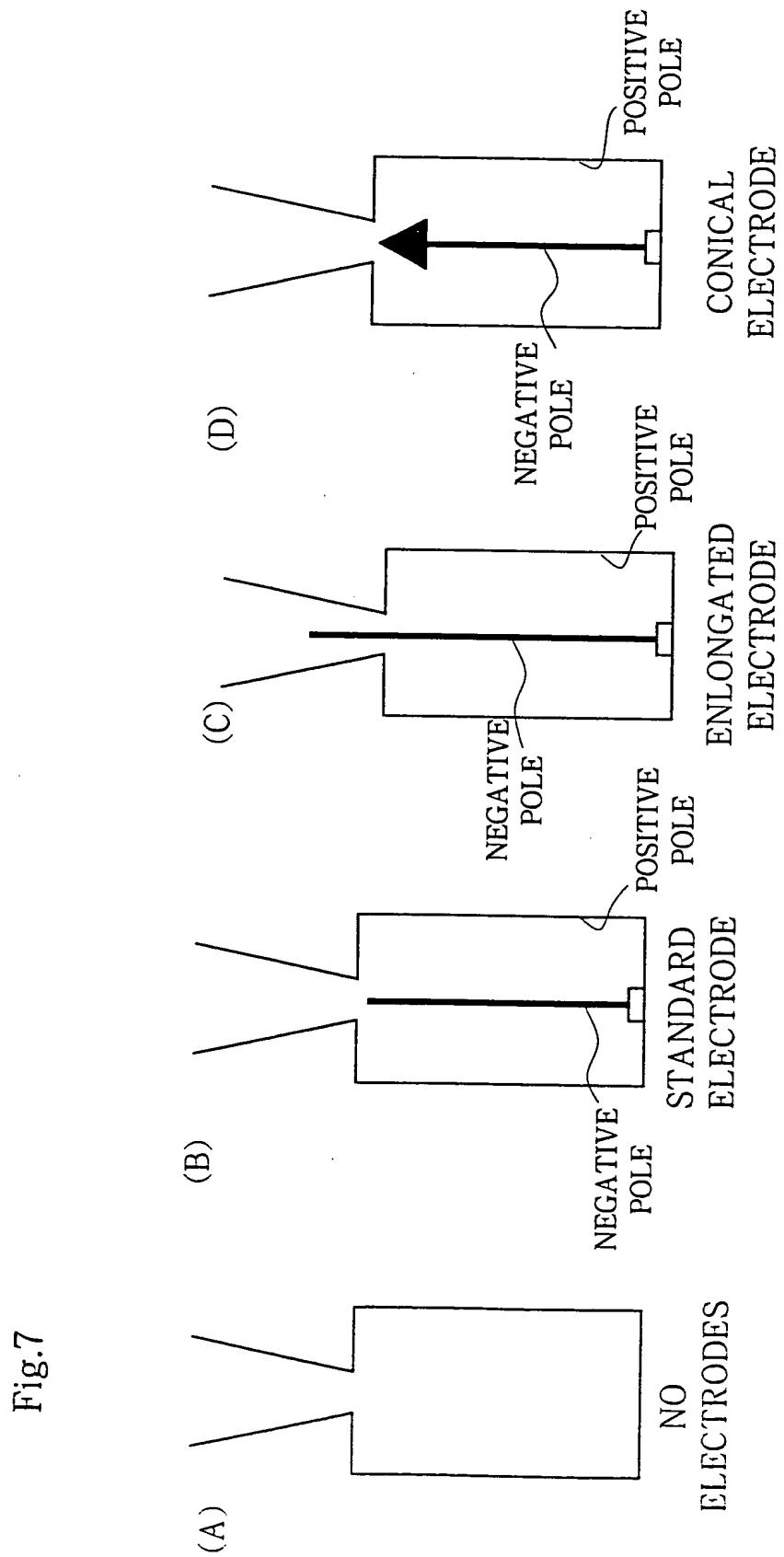


Fig.7

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SYSTEM AND CYCLONE SEPARATOR
Inventor(s): Hideto YOSHIDA, et al.
Serial No.: Unknown
Docket No.: Tsuruwaka C-46

8/10

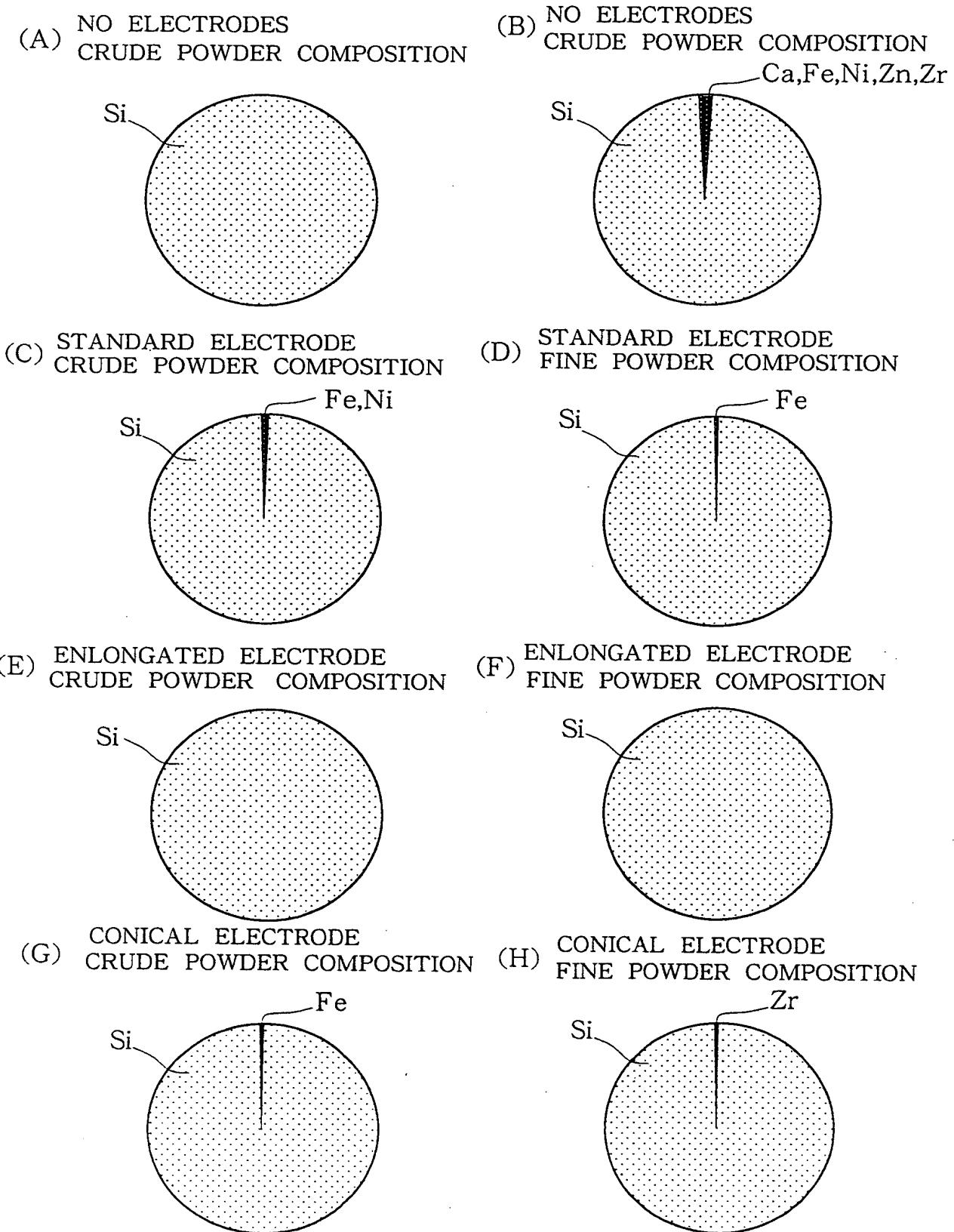
Fig.8

COMPO - SiO ₂ STARTING MATERIAL	NO ELECTRODES	STANDARD ELECTRODE VOLTAGE OF 50V APPLIED	ENLARGED ELECTRODE VOLTAGE OF 50V APPLIED	CONICAL ELECTRODE VOLTAGE OF 50V APPLIED	FINE POWDER	FINE POWDER
Si	100	100	99.348	99.8	99.901	100
Ca			0.307			100
Fe			0.153	0.121	0.099	
Ni			0.081	0.079		0.115
Zn			0.08			
Zr			0.031			0.031

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Docket No.: Tsuruwaka C-46

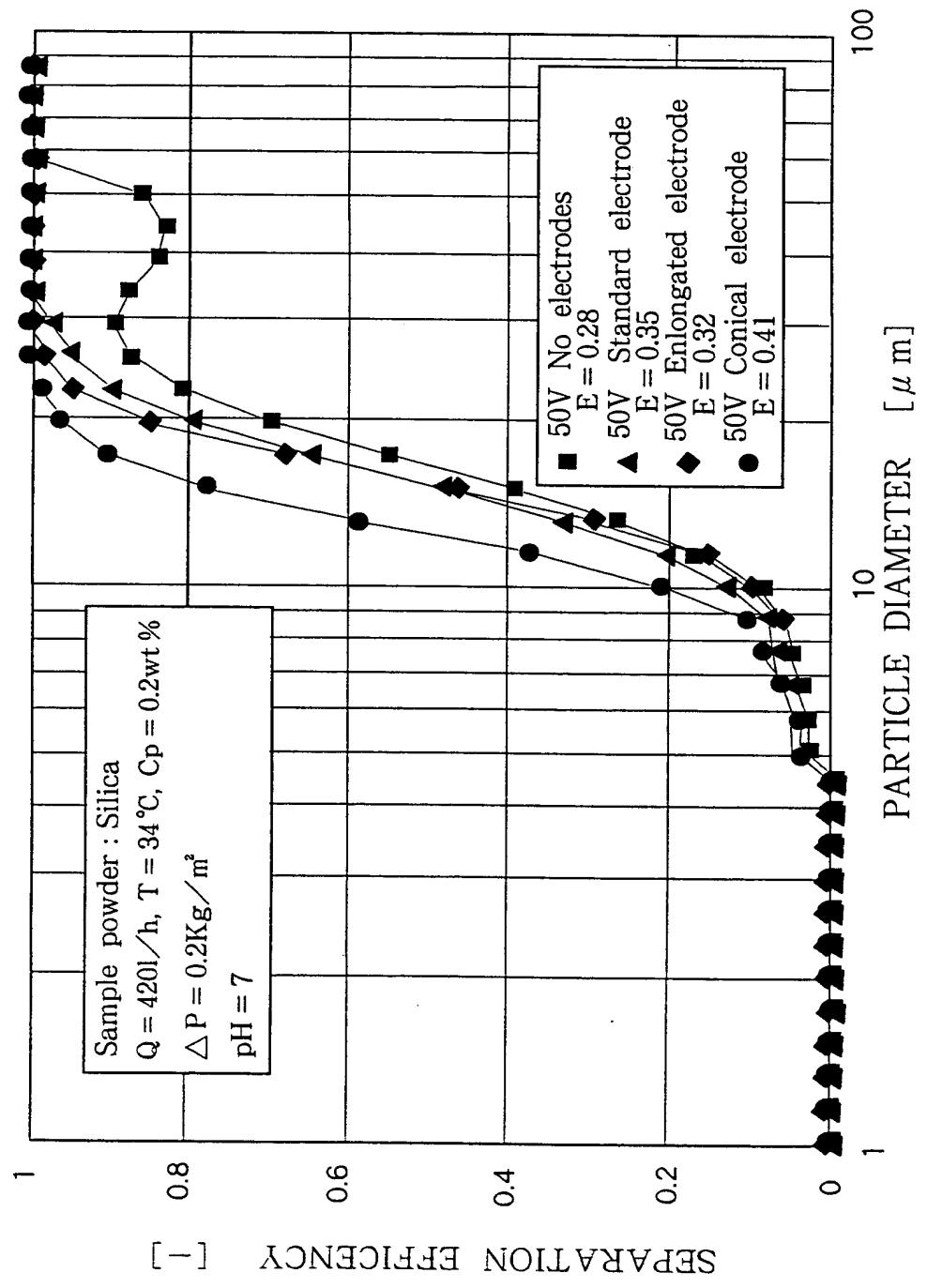
9/10

Fig.9



10/10

Fig.10



EFFECT OF THE POTENTIAL APPLIED ON FINE
PARTICLE TRAP BOX ON THE SEPARATION PERFORMANCE